

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					August 2003		
TO: City Manager, City of St. Petersburg P.O. Box 2848, St. Petersburg, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE St. Petersburg Harbor, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Cut-A: from 2,300 feet south of green Light-1 to junction of entrance channel at red/green Daybeacon	Jun-2003	200	5.7	20	19.1 (1)	21.0	19.1 (1)
Entrance Channel: from beginning of entrance channel at red/green daybeacon to green Light-5 (at junction of Outer Cut)	Jun-2003	250	0.2	19	20.4	21.0	20.6
Entrance Channel: from green Light-5 to 500 feet west of green Daybeacon-13	Jun-2003	250 *	0.9	23 *	22.6 (2)	24.2	23.3
Port Turning Basin: from red Light-10 to 500 feet west of green Daybeacon-13	Jun-2003	900x1500	0.3	24 *	24.0	23.9	15.9 (3)
Cut-B: Bayboro Maritime Service Channel	Jun-2003	250 *	0.1	15 *	16.7	16.5	18.4
Bayboro Basin Channel	Jun-2003	100x480	0.1	15	-	14.2 (4)	-
Bayboro Harbor Basin	Jun-2003	800x1200	0.2	12	8.1 (5)	8.1 (5)	12.4
Salt Creek	Jun-2003	150x250	0.05	12	-	13.1	-
Coast Guard Basin	Jun-2003	120x1050	0.2	14	-	16.2	-
Outer Cut: from red Light-6 to 1,900 feet north of green Buoy-3	Jun-2003	300	1	23 *	24.9	24.3	23.9

Remarks:

* Project depth and width shown is the constructed depth and width. The authorized depth is 24-feet and the authorized width is 300 feet.

1. Minor shoaling located in various locations on either edge of channel.
2. Minor spot shoal on south edge of entrance channel.
3. Shoaling along the eastern edge of Turning Basin, extending west a maximum of 40 feet.
4. Spot shoal in northern corner of channel.
5. Shoaling along the south and west side of the boat basin.